

SEQUENCE LISTING

<110> CHOO, YEN
ISALAN, MARK

<120> NUCLEIC ACID BINDING PROTEINS

<130> 71278/273884

<140> 09/646,353

<141> 2000-09-17

<150> GB 9805576.7

<151> 1998-03-17

<150> GB 9806895.0

<151> 1998-03-31

<150> GB 9807246.5

<151> 1998-04-03

<160> 39

<170> PatentIn Ver. 2.1

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<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp
1 5 10 15

Leu Val Lys His Gln Arg Thr His Thr Gly
20 25

<210> 2

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 2

Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn
1 5 10 15

Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro
20 25

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 3

Thr Gly Glu Lys Pro
1 5

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346
331

012

<210> 4
<211> 9
<212> DNA
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oligonucleotide

<220>
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<222> (5)
<223> 5-METHYL CYTOSINE, THYMINE OR CYTOSINE

<400> 4
gcggnngcg
9

<210> 5
<211> 10
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<220>
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peptide

a12
<400> 5
Arg Glu Asp Val Leu Ile Arg His Gly Lys
1 5 10

<210> 6
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 6
Arg Ala Asp Ala Leu Met Val His Lys Arg
1 5 10

<210> 7
<211> 10
<212> PRT
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<220>
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<400> 7
Arg Gly Pro Asp Leu Ala Arg His Gly Arg
1 5 10

<210> 8
<211> 10
<212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 8

Arg Ala Asp Ala Leu Met Val His Lys Arg
1 5 10

<210> 9

<211> 10

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<400> 9

Arg Gly Pro Asp Leu Ala Arg His Gly Arg
1 5 10

<210> 10

<211> 10

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 10

Arg Glu Asp Val Leu Ile Arg His Gly Lys
1 5 10

<210> 11

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 11

ctcctgcagt tggacctgtg ccattggccgg ctgggccgca tagaatggaa caactaaagc
60

<210> 12

<211> 39

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<220>

<221> misc_feature

<222> (8)..(11)

<223> GGMC or GMGC, WHERE M IS 5-METHYL CYTOSINE

<400> 12

tatagtgnnn nggcgtgtca cagtcagtcc acacacgtc
39

a12

<210> 13
<211> 9
<212> DNA
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<220>
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oligonucleotide

<400> 13
ggcccggcg
9

<210> 14
<211> 9
<212> DNA
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oligonucleotide

<400> 14
gcgccggcg
9

a12
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oligonucleotide

<400> 15
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39

<210> 16
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oligonucleotide

<400> 16
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39

<210> 17
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
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oligonucleotide

<400> 17

tatagtgggy cggcgtgtca cagtcagtcc acacacgtc
39

<210> 18
<211> 39
<212> DNA
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39

<210> 19
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<212> DNA
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39

a12
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<212> PRT
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<220>
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peptide

<400> 20
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 21
<211> 7
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<220>
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peptide

<400> 21
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 22
<211> 7
<212> PRT
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<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 22
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 23
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 23
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 24
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 24
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 25
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 25
Arg Ser Asp Asp Leu Ser Gln
1 5

<210> 26
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 26
Arg Ser Asp Asp Leu Thr Arg
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<210> 27
<211> 7

Q12

<212> PRT
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<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 27
Arg Ser Asp Asp Leu Thr Gly
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<210> 28
<211> 7
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<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 28
Arg Ser Asp His Leu Ser Ala
1 5

<210> 29
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 29
Arg Ser Asp Asp Leu Ser Thr
1 5

<210> 30
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 30
Arg Lys His His Arg Lys Glu
1 5

<210> 31
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 31
Tyr Asp Gly Ala Arg Lys Arg
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<210> 32
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 32
His Asn Arg Asp Arg Lys Arg
1 5

<210> 33
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 33
Thr Asn Ser Thr Arg Thr Lys
1 5

<210> 34
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 34
Arg Asn Asp His Arg Lys Thr
1 5

<210> 35
<211> 9
<212> DNA
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oligonucleotide

<220>
<221> misc_feature
<222> (4)
<223> 5-METHYL CYTOSINE

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gggncggcg
9

<210> 36
<211> 9
<212> DNA

all2

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 36

gggccg

9

<210> 37

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<222> (3)

<223> 5-METHYL CYTOSINE

<400> 37

ggngcggcg

9

<210> 38

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 38

ggcgcg

9

<210> 39

<211> 6

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 39

Met Ala Glu Glu Lys Pro

1

5

<210> 40

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic zinc finger peptide

<400> 40

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012

sub
BT
Zonal

9/12
Zonal

-10

-5

-1

1

Xaa Leu Xaa Xaa His Xaa Xaa Xaa His
5 10